

Date: Thu, 16 Jun 94 04:30:32 PDT  
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>  
Errors-To: Ham-Space-Errors@UCSD.Edu  
Reply-To: Ham-Space@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Space Digest V94 #158  
To: Ham-Space

Ham-Space Digest                    Thu, 16 Jun 94                    Volume 94 : Issue 158

Today's Topics:

    Guide to the Personal Radio Newsgroups  
        radio comparison (2 msgs)  
    Railroad track as an antenna?  
    Shortwave radio guide book HELP!!!  
    Wanted: Copy of Wintrack 2.0

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>  
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

---

Date: Wed, 15 Jun 1994 11:01:45 GMT  
From: ihnp4.ucsd.edu!usc!sol.ctr.columbia.edu!news.unomaha.edu!  
news@network.ucsd.edu  
Subject: Guide to the Personal Radio Newsgroups  
To: ham-space@ucsd.edu

Posted-By: auto-faq 3.2.1.2  
Archive-name: radio/personal-intro  
Revision: 1.5 12/18/93 14:15:53  
Changes: new mailing lists, .packet rmgroup, and .policy updates

(Note: The following is reprinted with the permission of the author.)

This message describes the rec.radio.amateur.\* , rec.radio.cb, rec.radio.info,  
and rec.radio.swap newsgroups. It is intended to serve as a guide for the new  
reader on what to find where. Questions and comments may be directed to the  
author, Jay Maynard, K5ZC, by Internet electronic mail at  
jmaynard@oac.hsc.uth.tmc.edu. This message was last changed on 18 September

1993 to add the mailing lists for the new `rec.radio.amateur` newsgroups, to note the `rmgroup` of `rec.radio.amateur.packet`, and to officially retire some (in)famous threads of discussion on `rec.radio.amateur.policy`.

## History

=====

Way back when, before there was a Usenet, the Internet hosted a mailing list for hams, called (appropriately enough) `INFO-HAMS`. Ham radio discussions were held on the mailing list, and sent to the mailboxes of those who had signed up for it. When the Usenet software was created, and net news as we now know it was developed, a newsgroup was created for hams: `net.ham-radio`. The mailing list and the newsgroup were gatewayed together, eventually.

As the net grew, and as packet radio came into vogue, packet discussion began to dominate other topics in the group and on the list. This resulted in the logical solution: a group was created to hold the packet discussion, and another corresponding mailing list was created as well: `net.ham-radio.packet` and `PACKET-RADIO`, respectively.

These two groups served for several years, and went through Usenet's Great Renaming essentially unchanged, moving from `net.ham-radio[.packet]` to `rec.ham-radio[.packet]`. Readership and volume grew with the rest of the network.

The `INFO-HAMS` mailing list was originally run from a US Army computer at White Sands Missile Range, SIMTEL20. There were few problems with this arrangement, but one was that the system was not supposed to be used for commercial purposes. Since one of hams' favorite pastimes is swapping gear, it was natural for hams to post messages about equipment for sale to `INFO-HAMS/rec.ham-radio`. This ran afoul of SIMTEL20's no-commercial-use restriction, and after some argument, a group was created specifically for messages like that: `rec.ham-radio.swap`. This group wasn't gatewayed to a mailing list, thus avoiding problems.

While all this was happening, other folks wanted to discuss other aspects of the world of radio than the personal communications services. Those folks created the `rec.radio.shortwave` and `rec.radio.noncomm` newsgroups, and established the precedent of the `rec.radio.*` hierarchy, which in turn reflected Usenet's overall trend toward a hierarchical name structure.

The debate between proponents of a no-code ham radio license and its opponents grew fierce and voluminous in late 1989 and 1990. Eventually, both sides grew weary of the debate, and those who had not been involved even more so. A proposal for a newsgroup dedicated to licensing issues failed. A later proposal was made for a group that would cover the many recurring legal issues discussions. During discussion of the latter proposal, it became clear that it would be desirable to fit the ham radio groups under the `rec.radio.*`

hierarchy. A full-blown reorganization was passed by Usenet voters in January 1991, leading to the overall structure we now use.

After the reorganization, more and more regular information postings began to appear, and were spread out across the various groups in rec.radio.\*. Taking the successful example of the news.answers group, where informational postings from across the net are sent, the group rec.radio.info was created in December, 1992, with Mark Salyzyn, VE6MGS, initially serving as moderator.

In January, 1993, many users started complaining about the volume in rec.radio.amateur.misc. This led to a discussion about a second reorganization, which sparked the creation of a mailing list by Ian Kluft, KD6EUI. This list, which was eventually joined by many of the most prolific posters to the ham radio groups, came up with a proposal to add 11 groups to the rec.radio.amateur hierarchy in April 1993. The subsequent vote, held in May and early June, approved the creation of five groups: rec.radio.amateur.digital.misc (to replace .packet), .equipment, .homebrew, .antenna, and .space.

#### The Current Groups

---

I can hear you asking, "OK, so this is all neat history, but what does it have to do with me now?" The answer is that the history of each group has a direct bearing on what the group is used for, and what's considered appropriate where.

The easy one is rec.radio.amateur.misc. It is what rec.ham-radio was renamed to during the reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, should be removed by September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is now rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio

equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there.

The first reorganization added two groups to the list, one of which is rec.radio.amateur.policy. This group was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The other added group is rec.radio.cb. This is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.\* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.\* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar propagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently Mark Salyzyn, VE6MGS. The email address for submissions to the group is rec-radio-info@ve6mgs.ampr.ab.ca. Inquiries and other administrivia should be directed to rec-radio-request@ve6mgs.ampr.ab.ca. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic

equipment by the amateur experimenter.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

#### A Few Words on Crossposting

---

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--  
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can  
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.

"If my car ran OS/2, it'd be there by now" -- bumper sticker  
GCS d++ p+ c++ l+ m+- s/++ g++ w++ t+ r

--  
73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

---

Date: 16 Jun 1994 00:47:24 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!  
newsxfer.itd.umich.edu!zip.eecs.umich.edu!yeshua.marcam.com!insosf1.infonet.net!  
usenet@network.ucsd.edu  
Subject: radio comparison  
To: ham-space@ucsd.edu

If someone has some ideas on comparisons of radios I am looking at the ICOM 970 and the 736R Yaseau. Right now I am favoring the ICOM 970. I do not need the six meters as I am planning to get a seperate unit. any thoughts ... also on antennas ... am probably going to use the hygain oscar units ..

---

Date: Thu, 16 Jun 1994 02:32:13 GMT  
From: ihnp4.ucsd.edu!swrinde!emory!kd4nc!ke4zv!gary@network.ucsd.edu  
Subject: radio comparison  
To: ham-space@ucsd.edu

In article <2to7es\$qp9@insosf1.infonet.net> whitestone@ins.infonet.net writes:  
>If someone has some ideas on comparisons of radios I am looking at the ICOM 970 and the 736R Yaseau. Right now I am favoring the ICOM 970. I do not need the six meters as I am planning to get a seperate unit. any thoughts ... also on antennas ... am probably going to use the hygain oscar units ..

I considered the 970H but wound up buying the 736. The 970H has a great set of features, it makes enough power you don't need an external amp, and the human factors boys did a good job on the controls, but the receiver isn't quite up to the standards of the 275/475 Icoms (they're the best). It folds under conditions of strong adjacent signals. Perhaps the synthesizer has too much phase noise. I checked 5 of them, and they all were the same. It'd probably be fine in a RF quiet location. It's also much more expensive than the other radios.

I bought and quickly sold a Kenwood 790A, that radio was a huge disappointment. Not only were the human factors horrible, but it had serious flaws for satellite use. The narrow filters only work in the main band unit, but you listen to the satellite on the sub-band unit, so they're a waste. It won't do sat-track tuning unless you hold the SAT button down. That's just stupid, requiring you to use both hands to tune the radio. And the thermal design of the radio is horrible. It gets very hot after only brief transmissions. The UHF amplifier brick died after a month.

The receiver is pretty sensitive though, but that's not a real issue for satellite since you'll be using a mast mount preamp anyway.

So I finally settled on the 736R. You can't listen to two bands at once like the other two, some of the function controls are laid out funky, the discriminator center meter doesn't center, but it works fine for satellites, the narrow filters work, it never runs hot, and it's been rock reliable. It seems I don't have a lot of good things to say about this radio, but that's misleading. It's very competent at what it does, and what it does is what you need for satellite work. I also got a great deal on it.

My ideal station though would be the IC275H/IC475H. The twins are just wonderful radios, great receivers, rock reliable transmitters, good control layouts and functions, but I couldn't justify the cost. Each individually costs more than a street priced 736R.

On the subject of antennas I'm adamant, there's no substitute for the KLM22C and KLM40CX. They're simply better than anything else available. Use a Yaesu 5400B dual axis rotator system, fiberglass crossboom, SSB Electronics preamps, hardline, and a TAPR Trakbox, and you have an ideal antenna system. That's \*the\* key to satellite operation.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

-----  
Date: 16 Jun 94 06:58:33 GMT

From: dog.ee.lbl.gov!agate!howland.reston.ans.net!torn!spartan.ac.BrockU.CA!  
s9898198@ucbvax.berkeley.edu

Subject: Railroad track as an antenna?

To: ham-space@ucsd.edu

I have heard a legend that a college radio station (either at MIT, Tufts, or Swarthmore) welded antenna to railroad tracks, and peeved the FCC by broadcasting nationwide. Is this true? If anyone knows, please email me (or post here) If you do know, could you please direct me to some documentation regarding this legend if you can.

This is very important! Thanks in advance.

-----

James R. Storm |  
Accounting Student | This message was brought to you by  
s9898198@sandcastle.cosc.brocku.ca | the letters M, Q, and the number 6  
(905) 227-9571 voice |-----  
-----

Date: 16 Jun 1994 07:33:16 GMT  
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!nctucca.edu.tw!  
news.cc.nctu.edu.tw!news.edu.tw!aladdin.iii.org.tw!usenet@network.ucsd.edu  
Subject: Shortwave radio guide book HELP!!!  
To: ham-space@ucsd.edu

HI!

I am considering buying a shortwave radio guide book.

Here are 3 three books to choice.

1. Passport World Band Radio 1994
2. 1994 Edition Wordlradio TV Handbook
3. Shortwave Listening Guide Book, Harry Helms, Second Edition

Do you have an opinion on which one of these is better for my to buy ?

Please send mail to idpt783@tpts1.seed.net.tw preferably.

thanks a much !

-Percy WANG

Date: 15 Jun 1994 23:11:37 GMT  
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!  
yeshua.marcam.com!news.kei.com!ssd.intel.com!chnews!cmoore@network.ucsd.edu  
Subject: Wanted: Copy of Wintrack 2.0  
To: ham-space@ucsd.edu

How can a friend of mine obtain a copy of Wintrack 2.0? Is it shareware?

thanks and 73, KG7BK, OOTC, CecilMoore@delphi.com

-----  
End of Ham-Space Digest V94 #158  
\*\*\*\*\*